AMENDMENTS TO THE CLAIMS

1. (*Currently Amended*) A product comprising:

a surface for receiving position codes;

a writing position code region on said surface, said writing position code region having position codes provided thereon which code a plurality of positions on the writing position code region to enable electronic recording of information which is being written on the writing surface position code region, by means of a device which detects the position codes; and

at least one activation icon coded by at least one position code representing said activation icon and coding a position which is different from the positions coded by the position codes contained in said writing position code region which activation icon, when detected and interpreted by the device, causes the device to initiate a predetermined operation which utilizes the information recorded by the device from said writing position code region.

2. (*Cancelled*).

3. (*Previously Presented*) A product as claimed in claim 1, wherein the position codes extend continuously over the writing position code region and said at least one activation icon in such manner that the activation icon is detectable using the position code as a predetermined position on the product.

4. (*Previously Presented*) A product as claimed in claim 1, wherein the position codes on the writing position code region are discontinuous with the at least one position code on said at least one activation icon.

5. (*Previously Presented*) A product as claimed in claim 1, wherein the at least one position code with which said at least one activation icon is provided constitutes a first subset of a set of absolute position codes, which codes coordinates for points on an imaginary surface, the first subset coding coordinates for at least one point on the imaginary surface, which point is dedicated to initiation of said operation.

6. (*Previously Presented*) A product as claimed in claim 1, wherein the position codes with which said writing position code region are provided constitutes a second subset of a set of absolute position codes coding coordinates for points on an imaginary surface, the second subset coding coordinates within an area on the imaginary surface, said area being dedicated to electronic recording of information.

7. (*Previously Presented*) A product as claimed in any one of claims 1, and 3-6, which product further comprises a character recognition area which is provided with position codes.

8. (*Previously Presented*) A product as claimed in claim 7, wherein the position codes with which said character recognition area is provided constitute a third subset of a set of absolute position codes coding coordinates for points on an imaginary surface, and wherein the third subset codes coordinates within an area on the imaginary surface, said area being dedicated to information, the characters of which are to be recognized.

9. (*Previously Presented*) A product as claimed in claim 1, wherein said at least one activation icon consists of a plurality of activation icons for initiating various predetermined operations.

10. (*Previously Presented*) A product as claimed in claim 1, wherein said at least one activation icon and the position codes are optically detectable.

11. (*Previously Presented*) A product as claimed in claim 1, wherein said at least one activation icon and the position codes are detectable by means of one and the same sensor.

12. (*Previously Presented*) A product as claimed in any one of claims 1, and 9-11, wherein the predetermined operation is an operation from the following group: dialing a telephone number included in the recorded information, sending a fax containing the recorded information, sending an electronic message containing the recorded information, writing address information included in the

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recorded information in an electronic address book, entering calendar information included in the recorded information in an electronic calendar, entering a task included in the recorded information in an electronic list, printing the recorded information using a printer, and storing the recorded information at a predetermined location.

13. (*Previously Presented*) A product as claimed in any one of claims 1, and 9-11, wherein each position code comprises a plurality of symbols and wherein each symbol contributes to the coding of more than one position.

14. (*Currently Amended*) A product as claimed in any one of claims 1, and 9-11, wherein the position code comprises a raster and a plurality of symbols, the value of each symbol being determined by the displacement ~~position~~ of a marking in relation to said raster.

15. (*Previously Presented*) A product as claimed in any one of claims 1, and 9-11, said product being a notepad with a plurality of writing position code regions.

16. (*Previously Presented*) A product as claimed in claim 15, wherein the position codes on the various writing position code regions code different positions.

17. (*Previously Presented*) A product as claimed in any one of claims 1, and 9-11, which product is a paper product consisting of at least one sheet comprising said surface, at least part of a another

surface of the sheet being coated with a preferably weakly adhesive layer.

18. (*Previously Presented*) A product as claimed in claim 17, wherein the writing position code region and the adhesive layer are located on opposite sides of the sheet.

19. (*Previously Presented*) A product as claimed in claim 17, wherein the product comprises a plurality of essentially identical sheets.

20. (*Currently Amended*) An information management device for electronically recording information that is being written on a writing surface, the writing surface being provided with position codes readable from the surface thereof, comprising:

a pen for moving across the writing surface;

a reader mounted for movement with the pen for reading said position code provided on the writing surface;

processing circuitry mounted for movement with the pen for using the position codes read by said reader to develop pen path information, said processing circuitry identifying when said pen interacts with an activation icon coded by at least one position code representing said activation icon and interpreting said activation icon to produce a signal to initiate a predetermined operation which utilizes the pen path information.

21. (*Cancelled*).

22. (*Previously Presented*) A device as claimed in claim 20, wherein the device is adapted to detect the activation icon using the position code with which the activation icon is provided.

23. (*Previously Presented*) A device as claimed in claim 20, wherein said reader includes at least one sensor for the electronic recording of the position codes read to develop the pen path information and of identify the interaction with the activation icon.

24. (*Previously Presented*) A device as claimed in claim 23, wherein the device comprises a single sensor for the recording of the pen path information and the activation icon.

25. (*Cancelled*).

26. (*Cancelled*).

27. (*Previously Presented*) A device as claimed in claim 20, 23 or 24, wherein said processing circuitry includes a character recognition function which is adapted to convert at least part of the recorded information to character-coded format.

28. (*Previously Presented*) A device as claimed in any one of claims 20, 23, or 24, wherein the device comprises a memory for storing the recorded information.

29. (*Previously Presented*) A device as claimed in any one of claims 20, 23, or 24, wherein the device is adapted to utilize, in the initiation of the predetermined operation, that part of the information which has been recorded from the writing surface during a predetermined period.

30. (*Previously Presented*) A device as claimed in any one of claims 20, 23, or 24, wherein the device is adapted to utilize, in the initiation of the predetermined operation, information that has been recorded in a predetermined area on the writing surface.

31. (*Previously Presented*) A device as claimed in any one of claims 20, 23, or 24, wherein the device comprises a transceiver for wireless short-range communication.

32. (*Previously Presented*) A device as claimed in claim 23, wherein said at least one sensor is arranged in a first casing and the processing circuitry in a second casing.

33. (*Previously Presented*) A device as claimed in any one of claims 20, 23, or 24, further comprising a mobile telephone transceiver for transferring the recorded information from the device to an external unit, the predetermined operation being an operation from the following group: dialing a telephone number included in the recorded information, sending a fax containing the recorded information, sending an electronic message with text with the recorded

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information, printing the recorded information using a printer, and transferring the recorded information to a drawing program.

34. (*Previously Presented*) A device as claimed in any one of claims 20, 23, or 24, wherein the device comprises at least one computer program of the type address book program or calendar program or to-do-list program, the predetermined operation consisting of entering a piece of information contained in the recorded information in a register for use in one of said computer programs.

35. (*Previously Presented*) A device as claimed in any one of claims 20, 23, or 24 which device is handheld.

36. (*Previously Presented*) A device as claimed in any one of claims 20, 23, or 24 further comprising a pen point for writing the information on the writing surface while being recorded electronically.

37. (*Previously Presented*) A device as claimed in any one of claims 20, 23, or 24 further comprising means for providing a feedback signal to the user when the device detects said at least one activation icon.

38. (*Previously Presented*) A device as claimed in any one of claims 20, 23, or 24 further comprising means for indicating when the device detects the position code.

39. (*Currently Amended*) In a system wherein a pen provided with a position code reader reading position codes provided on a writing surface and on an activation icon representative of an order for an computer controlled action, a computer program for information management, which is stored on a computer-readable storage medium provided in the pen when used and which performs the steps of:

receiving, as an input signal, a plurality of position indications obtained from said position codes,

processing received position indications as representing information written by the pen on the writing surface if the position indications belong to a first subset of positions coded by the position codes; and

~~processing~~ interpreting a received position indication as a command to initiate a predetermined operation which utilizes the information written on the writing surface, if the position indication belongs to a second subset of positions coded by said position codes and representing an activation icon.

40. (*Cancelled*).

41. (*Cancelled*).

42. (*Cancelled*).

43. (*Currently Amended*) A system for information management, comprising:

a sensing wand adapted to record information electronically from position information obtained from position codes on a writing region; and

a sensed product, said product supplying the position information to said sensing wand and being provided with the writing region and at least one activation icon indicating a predetermined operation and identified by at least one position code,

the sensing wand being adapted to initiate the predetermined operation for the recorded information obtained from the writing region in response to the detection and interpretation of said at least one activation icon on the product by detection and interpretation of the at least one position code.

44. (Cancelled).

45. (Currently Amended) A method of recording and processing information, comprising the steps of:

writing information on a replaceable writing surface provided with position codes using a writing wand sensing the position codes directly from the writing surface;

recording the written information electronically using the position codes sensed by the writing wand; and

causing the writing wand to initiate a predetermined operation for the recorded written information by letting the wand detect and interpret an activation icon provided on the writing surface before or

after the recording of the written information, the activation icon being represented by at least one position code.

46. (*Cancelled*).

47. (*Currently Amended*) A method <u>carried out by a handheld pen device</u> for interacting with information written on a writing surface provided with position codes identifying positions on the writing surface and at least one activation icon having at least one position code coding the position thereof, the activation icon being representative of a computer function comprising:

using a position code reader to read position codes representative of pen interaction with the writing surface,

processing said position codes to record handwritten information introduced to said writing surface by interaction with said pen,

identifying the position coded by said at least one position code of said activation icon to identify actuation of said activation icon and issuing an instruction to initiate the computer function the activation icon represents;

receiving said instruction generated by said step of identifying and initiating the computer function the activation icon represents in response thereto;

said computer function utilizing the handwritten information recorded from said position codes.

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48. (*Cancelled*).

49. (*Previously Presented*) The method of claim 47 wherein said step of processing is performed within a device including said position reader, said step of receiving and initiating being performed in a digital computer located remotely from said position reader.

50. (*Previously Presented*) The method of claim 49 wherein said digital computer performs the step of displaying the handwritten information as an image in a program window associated with an application in said computer in response to actuation of said activation icon.

51. (*Currently Amended*) A system for interacting with information written on a writing surface provided with position codes identifying positions on the writing surface and at least one activation icon having at least one position code coding the position thereof, said activation icon being representative of a computer function comprising:

a pen provided with a position code reader reading the position code elements provided on the writing surface,

a processor system collocated with the pen and including,

a first processor portion processing said position codes and tracking pen position to record handwritten information by interaction of said pen with said writing surface, said processor identifying the

position code of said activation icon and issuing an instruction to initiate the computer function the activation icon represents;

a second processor portion receiving said instruction generated by said first processor and initiating the computer function the activation icon represents,

said second processor portion utilizing the handwritten information recorded from said position code elements.

52. (*Cancelled*).

53. (*Cancelled*).

54. (*Currently Amended*) The system of claim 53 wherein ~~said digital computer displays~~ the handwritten information is displayed as an image in a program window associated with an application in ~~said~~ a digital computer located remotely from the processor system ~~computer~~ in response to actuation of said activation icon.

55. (*Previously Presented*) A product as claimed in claim 1, wherein the position codes on the writing position code region and said at least one position code representing the activation icon are the same kind of position codes.

56. (*Previously Presented*) A product as claimed in claim 1, wherein the position codes on the writing position code region and

said at least one position code representing the activation icon are coded with the same kind of graphical symbols.

57. (*Previously Presented*) A device as claimed in claim 20, in which the processing circuitry is arranged to initiate the predetermined operation by transferring the pen path information together with an indication of the predetermined operation to an external unit.

58. (*Previously Presented*) A device as claimed in claim 57, in which the processing circuitry is arranged to carry out the transfer to the external unit immediately after having identified pen interaction with the activation icon.

59. (*Previously Presented*) A device as claimed in claim 57, in which the processing circuitry is arranged to retain the pen path information after having identified pen interaction with the activation icon and to carry out the transfer to the external unit at a later occasion.

60. (*New*) The information management device of claim 20, wherein each position code comprises a plurality of symbols and wherein each symbol contributes to the coding of more than one position.

61. (*New*) The information management device of claim 20, wherein the position code comprises a raster and a plurality of symbols, the value of each symbol being determined by the displacement of a marking in relation to said raster.

62. (*New*) The computer program of claim 39, wherein each position code comprises a plurality of symbols and wherein each symbol contributes to the coding of more than one position.

63. (*New*) The computer program of claim 39, wherein the position code comprises a raster and a plurality of symbols, the value of each symbol being determined by the displacement of a marking in relation to said raster.

64. (*New*) The system of claim 43, wherein each position code comprises a plurality of symbols and wherein each symbol contributes to the coding of more than one position.

65. (*New*) The system of claim 43, wherein the position code comprises a raster and a plurality of symbols, the value of each symbol being determined by the displacement of a marking in relation to said raster.

66. (*New*) The method of claim 45, wherein each position code comprises a plurality of symbols and wherein each symbol contributes to the coding of more than one position.

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67. (*New*) The method of claim 45, wherein the position code comprises a raster and a plurality of symbols, the value of each symbol being determined by the displacement of a marking in relation to said raster.

68. (*New*) The method of claim 47, wherein each position code comprises a plurality of symbols and wherein each symbol contributes to the coding of more than one position.

69. (*New*) The method of claim 47, wherein the position code comprises a raster and a plurality of symbols, the value of each symbol being determined by the displacement of a marking in relation to said raster.

70. (*New*) The system of claim 51, wherein each position code comprises a plurality of symbols and wherein each symbol contributes to the coding of more than one position.

71. (*New*) The system of claim 51, wherein the position code comprises a raster and a plurality of symbols, the value of each symbol being determined by the displacement of a marking in relation to said raster.